

## **Design - Interview Questions – Final – Revised**

### **1. Background Information**

- State your name and position in the firm.
  - What is your title and what are your responsibilities in this company?
  - What is your firm yearly revenue? How many employees do you have?
- Have you already implemented BIM? Y/N
  - How many years of experience do you (personally) have with BIM?
  - How many years of experience does your company have with BIM?
  - Were you involved in the decision-making stage when your company chose to implement BIM? What led to BIM? Why BIM?
  - Who do you think should be the primary driver in the BIM implementation?
- What aspects of BIM is your company currently implementing? How did you choose these aspects of BIM?
- What BIM software do you use? Why did you choose this software?

### **2. Organizational level**

- What benefits are coming out of using BIM on the projects that you are performing?
  - How do you assess the production benefits of BIM?
  - What is the impact of BIM on design/engineering (cost, time, overall project delivery time, quality)?
- What are critical factors in successful implementation of BIM?
- What issues and concerns are you encountering on projects that incorporate BIM in design? What do you think are the risks emerging with BIM implementation?
- How much did it cost your company to get started with BIM? Have you tracked your return on investment?
- Have you encountered problems with the legal liabilities associated with implementing BIM? If so, how did you address them?
  - Have you used any new contractual and organizational arrangements? If so, what types and were they successful?

- Have you encountered concerns regarding model ownership?
  - Who typically authors the model?
  - Who uses the model?
  - Who is responsible for the information in the model?
  - Who stores the model?
  - Who has copyright to the model content?
- What is your experience regarding defining the level of detail that is valuable to have in the design model?
- What is your current workflow process?
- How do you deal with the interoperability issues that arise?

### **3. Best practices**

- How did your company make the transition in adopting BIM practices? Did it have a significant impact on your typical design process?
  - Do you have a detailed development plan for making change to BIM?
  - What type of BIM training do you use?
- Has the composition of your design staff changed? Are there any new roles that arose with this technology?
- How do you get all parties of a design project to agree on new methods of working?
- Have you or your company ever been involved in the development of a BIM Execution Plan on a project? Define BIM Execution Plan: e.g. company plan vs. project plan.
  - Yes – Who was involved? What decisions were made? What process did you use to develop the plan? Can we get a copy?
  - No – Are you planning to? Who should be involved; make decisions?

### **4. Project Level: Case Study**

- What projects have you executed with BIM so far?

- List each project and the BIM activity implemented.
- Also list if the benefits outweigh the cost on each project – further investigation will be done at another time.
- Do you feel any would be particularly valuable for us to evaluate in more detail?  
Why?

## **5. Concluding Questions**

- What are the future trends? Where do you think BIM will go?
- What is the current trend within your company toward performing more projects with BIM?

## **6. Additional comments**

- Do you have any additional comments or items that you feel are important to consider?
- Can you refer us to other BIM experts or firms/companies we can interview?

**Thank you for your time!**